

Application Serial No. 10/034,785  
Attorney Docket No. 03237.0001U2

Examiner Hal Wachsman  
Group Art Unit 2857

Please delete the last paragraph appearing on page 33 of the specification.

Immediately after the paragraph containing the single word "CLAIMS" at the top of page 34 of the application, please insert the following new paragraph:

WHAT IS CLAIMED IS:

Please replace the single paragraph appearing on page 48 of the application entitled "ABSTRACT" with the following:

Air conditioning chiller operating efficiency is evaluated in response to chiller operating parameters input to a computing device and calculates separately the efficiencies of the condenser and evaporator components of the chiller. Additional efficiency calculations are performed to quantify specific causes of inefficiency in the condenser and evaporator. The device also adjusts the efficiency calculations as appropriate to account for actual compressor current load conditions. The device determines whether chiller efficiency is being compromised by poor performance of one or more chiller components, identifies specific causes of inefficiency and suggests appropriate remedial actions to restore maximum efficiency of the chiller.